

M0350020

**From:** John Burggraf <john@hughesgc.com>  
**To:** "John Hall" <johnhall10@yahoo.com>  
**CC:** Scott Hughes <scott@hughesgc.com>, Kevin Watkins <kevin@hughesgc.com>, "...  
**Date:** 3/15/2011 8:37 AM  
**Subject:** RE: Results of Meeting To Discuss Division Directive  
**Attachments:** lakeveiw march 14 2011 by geen gate.pdf; lakeview march 14 2011.pdf

John,

Please be advised that last Friday, March 11th, at 1:20 P.M. the phone numbers (801) 628-1401 and (801) 628-6320 were called by Lakeview Rock Products and messages were left on those phones announcing our intention to blast on Monday March 14th. Lakeview has and will continue to contact these numbers in advance of our blasting operations in accordance with our agreement with MSHA dated 04/14/2009.

Attached for your information is the seismic monitoring results for the blast in question. As you can see the results of 0.16 in/sec and 0.21 in/sec are less than 10% of the allowable standard of 2.0 in/sec.

Please feel free to give me a call if you have any further questions or comments.

John Burggraf  
(801) 649-7342

From: John Hall [mailto:johnhall10@yahoo.com]<mailto:[mailto:johnhall10@yahoo.com]>  
Sent: Monday, March 14, 2011 2:58 PM  
To: John Burggraf  
Cc: evens.pauls@gmail.com<mailto:evens.pauls@gmail.com>;  
barrye@nslcity.org<mailto:barrye@nslcity.org>; mayor@nslcity.org<mailto:mayor@nslcity.org>;  
Lynn.Pace@slcgov.com<mailto:Lynn.Pace@slcgov.com>;  
Wayne.Mills@slcgov.com<mailto:Wayne.Mills@slcgov.com>;  
johnhall10@yahoo.com<mailto:johnhall10@yahoo.com>; Leslie Heppler;  
shadden.marc@dol.gov<mailto:shadden.marc@dol.gov>;  
young.james.c@dol.gov<mailto:young.james.c@dol.gov>;  
johnhall10@yahoo.com<mailto:johnhall10@yahoo.com>  
Subject: Fw: Results of Meeting To Discuss Division Directive

John,

Today, Monday March 14 @ 11:32 am Lakeview conducted a blast and no notification was given to myself or my wife. I am very disappointed to see that Lakeview is unwilling to comply with notifying us before they blast. The shaking today was also felt at the Evan's home. I would hope that Lakeview will consider the safety of those near the mine and begin to give 24 hrs notification prior to blasting.

Sincerely,  
John Hall  
801-628-6320

RECEIVED E-Mail

MAR 15 2011

Div. of Oil, Gas & Mining



**Lakeview**  
**3/14/11**  
**Near green gate**

File Name: 376320110314003.DTB  
Number: 003  
Date: 3/14/2011  
Time: 11:33  
Serial Number: 3763  
Seismic Trigger: 0.0400 in/sec  
Acoustic Trigger: 142 dB  
Sample Rate: 1024  
Record Duration: 4.0 Seconds  
Pre-Trigger: 0.50 Seconds  
Sensor Gain: 2x  
Battery: 6.5

#### Amplitudes and Frequencies

Acoustic: 114 dB, 0.10 Mb, 0.0015 psi, 0.0100 kPa @ 1

**Radial: 0.2100 in/sec @ 8.9Hz**

Vertical: 0.0700 in/sec @ 10.6Hz

Transverse: 0.0800 in/sec @ 8.5Hz

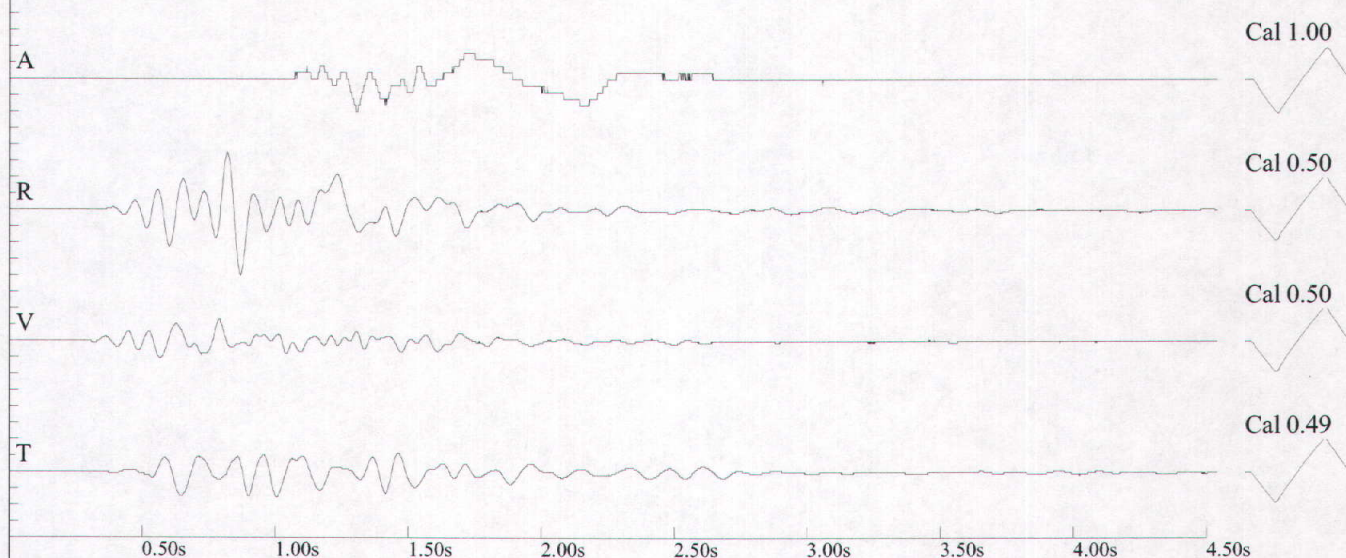
#### Graph Information

Duration: 0.000 s To: 4.500 s

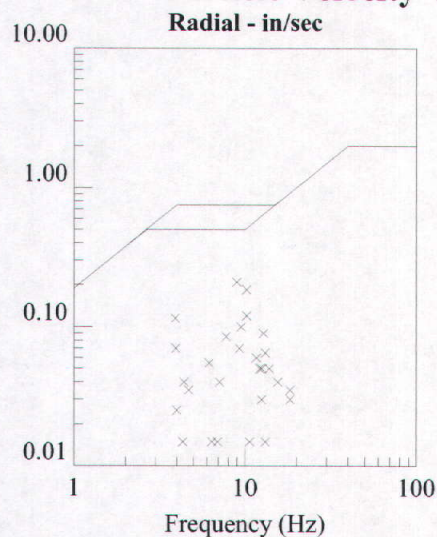
Acoustic Scale: 120 dB

Seismic Scale: 0.21 in/sec (0.053 in/sec/div)

Time Line Intervals at: 0.50 s



#### Particle Velocity Versus Frequency - USBM Limits (RI 8507, 1980)



**RECEIVED E-Mail**

**MAR 15 2011**

**Div. of Oil, Gas & Mining**



MAR 15 2011

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**Lakeview**  
**3/14/11**  
**In field in front of apartments**

File Name: 376220110314003.DTB  
 Number: 003  
 Date: 3/14/2011  
 Time: 11:32  
 Serial Number: 3762  
 Seismic Trigger: 0.0500 in/sec  
 Acoustic Trigger: 130 dB  
 Sample Rate: 1024  
 Record Duration: 4.0 Seconds  
 Pre-Trigger: 0.50 Seconds  
 Sensor Gain: 2x  
 Battery: 6.5

### Amplitudes and Frequencies

Acoustic: 106 dB, 0.04 Mb, 0.0006 psi, 0.0040 kPa @ 0 Duration: 0.000 s To: 4.500 s

Radial: 0.1000 in/sec @ 4.6Hz

Vertical: 0.0600 in/sec @ 10.0Hz

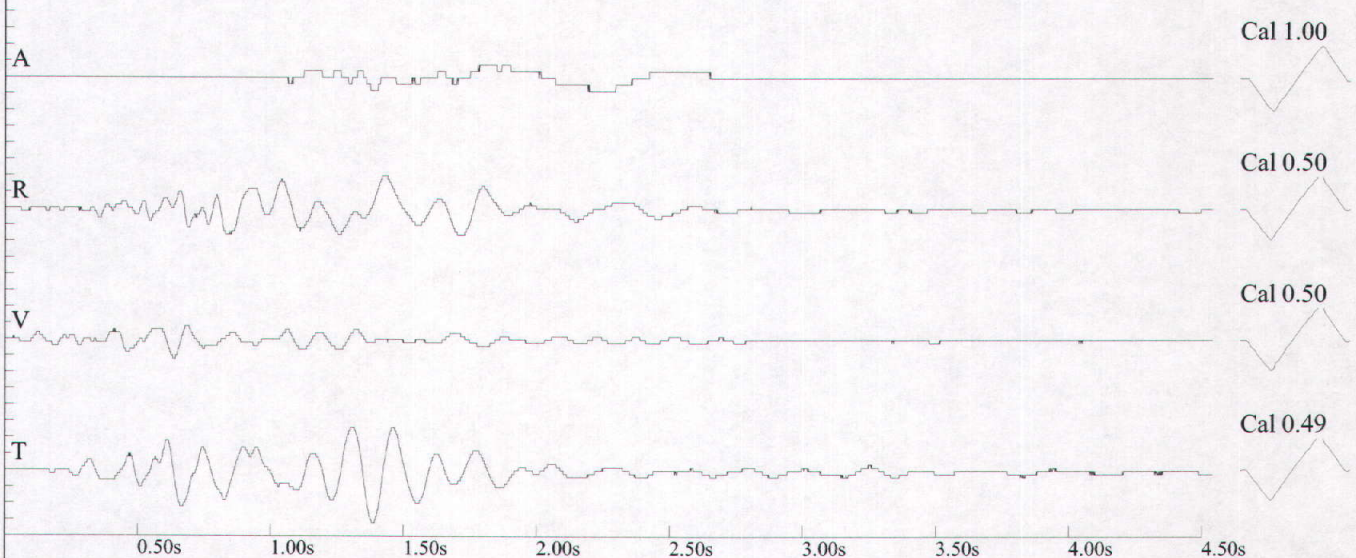
Transverse: 0.1600 in/sec @ 6.6Hz

### Graph Information

Acoustic Scale: 120 dB

Seismic Scale: 0.20 in/sec (0.050 in/sec/div)

Time Line Intervals at: 0.50 s



### Particle Velocity Versus Frequency - USBM Limits (RI 8507, 1980)

